



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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Governor

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Partial: Complete: XX Exploration:
Inspection Date & Time: 8/15/95 / 7:30a.m.-3:00p.m.

Date of Last Inspection: 7/25/95

Mine Name: Bear Canyon Mine County: Carbon Permit Number: ACT/015/025

Permittee and/or Operator's Name: Co-Op Mining Company

Business Address: P.O. Box 1245, Huntington, Utah 83428

Type of Mining Activity: Underground XXX Surface Prep. Plant Other

Company Official(s): Charles Reynolds

State Officials(s): Peter Hess Federal Official(s):

Weather Conditions: Sunny/Warm 70's - 90's

Existing Acreage: Permitted- 1531 Disturbed- 24 Regraded- Seeded- Bonded- 24

Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-

Status: Exploration/ XX Active/ Inactive/ Temporary Cessation/ Bond Forfeiture

Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES (ASCA/SAE?)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) <u> </u> (date)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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(Continuation sheet)

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 8/15/95

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permittee currently has three amendments being reviewed by the DOGM Salt lake office. These are as follows:

- 1) 95G....Tipple Expansion amendment
- 2) 95H....Permit Renewal (the current permit expires 11/2/95)
- 3) 95I.....ASCA/SAE Classification amendment

2. SIGNS AND MARKERS

During the inspection of the surface facilities area, it was noted that the permittee had installed three electrical cables for phone communications outside of the disturbed area perimeter. This was in the area west of the surface shop/machine shop area. It was Mr. Reynold's decision to remove the cables rather than move the perimeter markers. This was completed prior to the end of the inspection.

4a. HYDROLOGIC BALANCE: DIVERSIONS

Mr. Reynolds informed this inspector that on August 14, a storm event occurred that produced 0.45 inches of rain in less than twenty minutes. The intensity of this storm is comparable to that of a 10 year, 6 hour storm. Minor flash flooding caused numerous boulders to become dislodged from undisturbed areas, causing damage to the culvert C-1U. The bottom twenty feet of the discharge end of this culvert received some severe impacts, reducing its functionability. Also, several boulders were near, but did not completely block the inlet to this same culvert. It is Mr. Reynold's intent to remove these boulders and replace the crushed portion of the discharge pipe as quickly as possible.

4d. WATER MONITORING

The second quarter water monitoring report for the Bear Canyon site was submitted to the DOGM on July 25, 1995.

Discharge monitoring reports for UPDES discharge points 002A, 003A, 004A and 006A were reviewed for the months of April, May, and June of 1995. Only 004A, the mine water discharge point to Bear Creek, had discharges during the three months. There were no exceedances reported here.

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5. EXPLOSIVES

Blasting reports for the mitigation of the Bear Canyon subsidence openings (subject of N94-46-4-1B) were reviewed.

The last blasting which was conducted here was performed on June 19, 1995. All records appeared in good order.

Powder/cap magazine storage locations remain unchanged.

9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES

The permittee has cleaned the out of service electrical transformer, which was in storage south of the shop and had shown signs of leakage. This was observed during the July inspection.

20. AIR QUALITY PERMIT

The Bear Canyon Mine has an approval order from the Division of Air Quality (DAQM-011-92), dated 12/20/83. This letter indicates that the maximum allowable annual production tonnage shall not exceed 200,000 tons.

A second approval order dated 2/20/86 makes no mention of maximum allowable annual tonnage, but refers to maximum plant production not exceeding 4500 hours. This seems unclear, i.e., what are they actually approved to produce?

A third letter from Air Quality to Co-Op dated 3/13/92 states that the two previously mentioned approval orders remain in force and represent the conditions under which Co-Op is authorized to operate the Bear Canyon facilities.

Based on the 1994 Annual Report which Co-Op Mining Company has submitted to the Division, the annual reported production tonnage is shown as 409,639 short tons. It appears, at this point, that Co-Op has apparently produced twice the maximum allowable tonnage for which Air Quality has approved their operation. This has been pointed out to Mr. Reynolds.

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20. AIR QUALITY PERMIT-continued-

Also, since the length of surface roadways has increased with the construction of the Tank seam access road, new calculations may be necessary to determine the maximum amount of fugitive dust concentrations allowable.

It was Mr. Reynold's intent to follow up on any updates to the current approval order which may be necessary to obtain compliance.

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas, and Mining.

Copy of this Report:

Mailed to: Charles Reynolds (CO-OP)

Donna Griffin (OSM)

Given to: Joe Helfrich (DOGM)

Filed to: Price Field Office

Date: August 21, 1995

Inspector's Signature:  #46
Peter Hess